

## WHAT IS CLAIMED IS:

1. (currently amended) A flat sheet material for manufacturing leaf-like sheets (1) for receiving information, the sheet material comprising:  
at least one a coating (4, 4') applied onto a substrate, wherein the coating comprises at least a first layer;  
particles (5) embedded in the at least one first layer coating (4, 4');  
wherein the particles (5) are electrically activatable particles, magnetizable particles or electrically activatable and magnetizable particles;  
wherein by at least one of activation and magnetization of the particles (5) when arranged in at least one of an electrical and a magnetic field, information is writable, retrievable and changeable on the sheet material;  
fine cavities provided in the coating.
2. (currently amended) The sheet material according to claim 1, wherein the first layer at least one coating (4, 4') containing the particles comprises fine the cavities (3).
3. (currently amended) The sheet material according to claim 1 [2], wherein the cavities (3) are microcapsules (6).
4. (original) The sheet material according to claim 2, wherein the particles (5) are contained in the cavities (3).
5. (currently amended) The sheet material according to claim 2, wherein the particles (5) are embedded between the cavities (3) in the at least one first layer coating (4).
6. (currently amended) The sheet material according to claim 1 [2], wherein the cavities (3) are filled with a dye (7).
7. (currently amended) The sheet material according to claim 6, wherein the sheet material (2) is stacked with a second sheet material (14) comprising a dye coreactant (27) and combined to form a carbonless set (15).
8. (original) The sheet material according to claim 7, wherein the carbonless set (15) is configured as an endless set (45) comprising a perforated tractor edge (46).
9. (original) The sheet material according to claim 7, wherein the carbonless

set (15) is embodied as a multi-part form set (47).

10. (currently amended) The sheet material according to claim 1 [2], wherein the cavities (3) contain fragrances (55).

11. (currently amended) The sheet material according to claim 1 [2], wherein the cavities (3) contain adhesives (56).

12. (currently amended) The sheet material according to claim 1 [10], wherein the sheet material (2) is divided into different zones (57, 58) and wherein the cavities (3) in the different zones (57, 58) are filled differently.

13. (currently amended) The sheet material according to claim 1 [2], wherein a contents of the cavities (3) can be released by activation of the particles (5).

14. (original) The sheet material according to claim 1, wherein the particles (5) are electrically conducting.

15. (original) The sheet material according to claim 1, wherein the electrically activatable particle (5) is a microchip (8).

16. (original) The sheet material according to claim 1, wherein the magnetizable particles are comprised of chromium dioxide.

17. (original) The sheet material according to claim 1, wherein the magnetizable particles have a grain size of smaller than approximately 2 to 3 micrometer.

18. (original) The sheet material according to claim 1, divided into partial areas (10, 11) wherein one of the partial areas is a reading/writing area (12).

19. (original) The sheet material according to claim 18, wherein the reading/writing area (12) is marked by printed markings (13).

20. (original) The sheet material according to claim 18, cut to a sheet (1) with a standard basic surface area.

21. (original) The sheet material according to claim 20, wherein the standard basic surface area matches DIN sizes.

22. (original) The sheet material according to claim 1, wherein the substrate is a paper layer (10).

23. (original) The sheet material according to claim 1, wherein materials employed for manufacturing the sheet material are heat-resistant.

24. (original) The sheet material according to claim 1, comprising a self-adhesive strip (44).

25. (original) The sheet material according to claim 1, comprising strip conductors (16).

26. (original) The sheet material according to claim 25, wherein the strip conductors (16) are comprised of electrically conducting particles (5).

27. (original) The sheet material according to claim 25, comprising several reading/writing areas (12), wherein at least one of the strip conductors (16) is connected to each one of the reading/writing areas (12), respectively.

28. (original) The sheet material according to claim 27, wherein the reading/writing areas (12) are connected by the strip conductors (16) to a microchip (8) embedded in the sheet material.

29. (original) The sheet material according to claim 1, comprising an antenna (17) for data exchange with the particles (5).

30. (original) The sheet material according to claim 29, wherein the antenna (17) is applied onto the sheet material by printing.

31. (original) The sheet material according to claim 1, formed to a mailing pouch (39) or an envelope (40).

32. (original) The sheet material according to claim 1, formed to a brochure.

33. (original) The sheet material according to claim 1, formed to a folder (42) for printed documents (43).

34. (original) The sheet material according to claim 1, formed to a zigzag-folded paper (48).

35. (withdrawn) A writing device for sheet material (2) with a coating (4) comprising fine cavities (3) and magnetizable particles (9) embedded in the coating (4), the writing device comprising:

one or more magnetographic writing heads (18) for recording information on the sheet material (2) by point-precise magnetization of the magnetizable particles (9).

36. (withdrawn) The writing device according to claim 35, wherein two of the writing heads (18) are positioned opposite one another and aligned with one another and define between them an intermediate gap (43) for guiding a sheet material (2) therethrough.

37. (withdrawn) The writing device according to claim 35, comprising a magnetic reading unit (22) arranged downstream of the one or more writing heads (18).

38. (withdrawn) The writing device according to claim 35, embodied as an expansion unit (23) for a conventional printer (24).

39. (withdrawn) A writing device for sheet material (2) with a coating (4) comprising fine cavities (3) and magnetizable particles (9) embedded in the coating (4), the writing device comprising:

a hand-held pen (25) with a magnetic tip (26) for recording information on the sheet material (2) by magnetization of the magnetizable particles (9).

40. (new) The sheet material according to claim 1, wherein the cavities are contained in an additional layer of the coating.

41. (new) The sheet material according to claim 40, wherein the microcapsules contain a dye and wherein the additional layer is arranged on a side of the sheet material opposite a side of the sheet material provided with the first layer.

42. (new) A carbonless set for storing optically and magnetically recognizable data, the carbonless set comprising:

a coating applied onto a substrate and comprising at least a first layer;  
magnetizable particles embedded in the first layer;

wherein by magnetization of the particles when arranged in a magnetic field, information is writable, retrievable and changeable on the carbonless set.

43. (new) The carbonless set according to claim 42, wherein the first layer or an additional layer of the coating has cavities in the form of microcapsules.

44. (new) The carbonless set according to claim 43, wherein the coating contains a dye coreactant, wherein the microcapsules contain a dye and, when the

microcapsules are caused to burst, the dye and the dye coreactant interact and information is made visible.

45. (new) The carbonless set according to claim 42 in the form on an endless set having a perforated tractor edge or in the form of a multi-part form set.

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